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- 04/22/2004

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number		Division of 09/387,828		
	Filing Date		Herewith		
	First Named Inventor		Fairlie		
	Group Art Unit		2125		
	Examiner Name		Frank, Elliot		
	Attorney Docket Number		62-337		
Sheet	1	of	3		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
AS		4,002,553		Arntz	01-11-1977	
↓		4,233,132		Carr et al.	11-11-1980	
		4,344,831		Weber	08-17-1882	
		4,781,029		SerVass	11-01-1988	
↓		5,082,544		Willey et al.	01-21-1992	
AS		5,372,617		Kerrebrock et al.	12-13-1994	
		5,432,710		Ishimaru et al.	07-11-1995	
AS		5,512,145		Hollenberg	04-30-1996	
↓		5,512,787		Dederick	04-30-1996	
		5,592,028		Pritchard	01-07-1997	
		5,621,654		Cohen et al.	04-15-1997	
		5,702,491		Long et al.	12-30-1997	
		5,711,865		Caesar	01-27-1998	
↓		5,779,866		Tarancon	07-14-1998	
		5,799,624		Hsieh	09-01-1998	
AS		5,817,157		Checketts	10-06-1988	

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	/Arlen Soderquist/	Date Considered	06/15/2006
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		Number	Kind Code ^W (if known)			
AS		5,840,172		Zugravu	11-24-1988	
		5,899,072		Gode	05-04-1999	
		5,999,888		Aubee	12-07-1999	
		6,021,402		Takriti	02-01-2000	
		6,026,349		Heneman	02-15-2000	
		6,057,051		Uchida et al.	05-02-2000	
		6,153,058		Richardson, Jr.	11-28-2000	
AS		6,153,943		Mistr, Jr.	11-28-2000	
		6,285,178		Bail et al.	09-04-2001	
		6,285,064	B1	Babel et al.	09-04-2001	
		6,294,376	B1	Ogino	09-25-2001	
		6,344,105	B1	Budiko, Jr.	10-30-2001	
		6,366,880	B1	Zeleem	04-03-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AS		GB	2143848	A	White	02-20-1985		
AS		DE	3804659	A1	Elektrolyse	08-17-1989	See Eng. Abstract	
AS		DE	19612776	A1	Alcatel	10-02-1997		
			English also					

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		4,005,709		Tangri	04-25-1970	
		4,464,667		Chaffin, Jr.	07-17-1970	
		6,002,544		Wiley et al.	01-24-1992	
AS		5,708,424		Orlando et al.	01-13-1998	
		4,233,432		Can et al.	11-11-1980	
		4,344,804		Weber	08-17-1982	
		5,592,020		Pritchard	01-07-1997	
		5,770,866		Tarsen	07-14-1998	
		6,463,050		Richardson Jr.	11-20-2000	
AS		6,083,637		Walz et al.	07-04-2000	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AS		DE	40 20 721	A1	Seshuber et al	02-01-1992		
		EP	0 005 400	A1	North et al.	08-01-1999		

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**INFORMATION DISCLOSURE
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Sheet 1 of 1

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Application Number	10/829,434
Filing Date	04-22-04
First Named Inventor	FAIRLIE et al.
Art Unit	2125
Examiner Name	Frank
Attorney Docket Number	62-337

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AS		US-5690797	11-25-1997	Harada	
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Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
AS		JP 10-299576	11-10-1998		See English translation	Y
		JP 07-101316	04-18-1995		See English translation	Y
		JP 51-48818	04-27-1976		See English translation	Y
		JP 01200052 A	08-11-1989	Iwai	See English translation	Y
AS		JP 08-260176	10-08-1996		See Eng. translation	Y

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Signature

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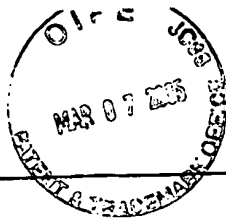
Date
Considered

06/15/2006

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (Modified)

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/829,434
				Filing Date	April 22, 2004
				First Named Inventor	Fairlie
				Group Art Unit	1743
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	62-337

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AS		5,432,710		Ishimaru et al.	07-11-1995	
AS		6,107,691		Gore et al.	08-22-2000	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AS		JP	09-306531		Toyota Motor Corp	11-28-1997	See English Translation	
AS		JP	02-117072		Toyo Engineering Co.	05-01-1990	See English Translation	
AS		JP	07-99707		Mazda Motor Corp.	04-11-1995	See English Translation	

OTHER DOCUMENTS		
Examiner Initials*	Cite No.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/829,434
Filing Date	April 22, 2004
First Named Inventor	FAIRLIE, et al.
Art Unit	1745
Examiner Name	
Attorney Docket Number	62-337

Sheet	1	of	2
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		Number-Kind Code ² (if known)				
	1	US-	6,285,176	09-04-2001	Ball et al.	
AS	2	US-	6,285,178 B1	09-04-2001	Ball et al.	
AS	3	US-	6,285,964 B1	09-04-2001	Babel et al.	
AS	4	US-	6,294,276 B1	09-25-2001	Ogino, Shigeru	
	5	US-	6,311,105	10-30-2001	Budike Jr.	
AS	6	US-	6,311,105 B1	10-30-2001	Budike Jr.	
↓	7	US-	6,366,889	04-02-2002	Zaloom, Joseph A.	
	8	US-	4,085,709	04-25-1978	Tangri	
	9	US-	4,161,657	07-17-1979	Shaffer, Jr.	
	10	US-	4,910,963	03-1990	Vanzo, Gordon F.	
	11	US-	5,527,632	06-18-1996	Gardner	
	12	US-	4,689,133	08-25-1987	McIlhenny	
	13	US-	6,011,324	01-04-2000	Kohlstruck et al.	
	14	US-	6,102,958	08-15-2000	Meystel et al.	
	15	US-	3,635,812	01-18-1972	Spacil	
	16	US-	3,917,520	11-04-1975	Katz	
	17	US-	5,346,778	09-13-19949	Ewan et al.	
	18	US-	5,818,725	10-06-1998	McNamara et al.	
	AS	19	US-	4,084,032	04-11-1978	Pasersky

FOREIGN PATENT DOCUMENTS

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AS		EP	0755088	B1	Railway Technical Research Institute			

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AS		5,980,726		Moulthrop, Jr. et al.	11-09-1999	

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